

Express Mail No.: EV246529293US
PATENT
091-0188

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Jeffrey N. Willits Serial No.: Filed herewith Filing Date: Filed herewith For: ADAPTIVE REFLECTING SYSTEM	
---	--

COMMENTARY RE INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

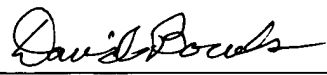
Dear Sir:

In accordance with 37 CFR §1.56, and in recognition of his duty to disclose to the United States Patent and Trademark Office relevant information known to be material to patentability, Applicant identifies the prior art listed on the attached Information Disclosure Statement (Form PTO-1449). The statement is not a representation that all of the information cited is necessarily effective as prior art against the application. Only copies of non US patents and patent applications are enclosed, if any.

Applicant respectfully requests that the disclosed reference be made of record in the subject application.

Respectfully submitted,

Dated: September 24, 2003



David Bowls, Reg. No. 39,915
Michael A. Shimokaji, Reg. No. 32,303
Attorney for Applicant

DiPinto & Shimokaji, P.C.
1301 Dove Street, Suite 480
Newport Beach, CA 92660
(949) 223-0838

Approved for use through 10/31/2002, OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

(use as many sheet as necessary)

filed herewith

filed herewith

Jeffrey N. Willits

Examiner Name

1

C

2

091-0188

[illegible]

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. 1	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T6
		Country Code 3	Number 4 Kind Code 5 (if known)				
	5	WO 02/088018 A2		11-07--2002	Weaver et al.		
	6	WO 0067063 A1		11-09-2000	Dhuler et al.		
	7	WO 03022731 A1		03-20-2003	Thaysen et al.		
	8	WO 0237162 A2		05-10-2002	Weaver et al.		

Considered

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:**
Assistant Commissioner for Patents, Washington, DC 20231

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheet as necessary)				<i>Complete if Known</i>	
				Application Number	filed herewith
				Filing Date	filed herewith
				First Named Inventor	Jeffrey N. Willits
				Group Art Unit	
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	091-0188

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when Appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	9	GRAY et al., "Support and Actuation of Six Secondaries for the 6.5m MMT and 8.4m LBT Telescopes", Proceedings of SPIE conference on Optical Telescopes of Today and Tomorrow, 2871, (1996)	
	10	JOSHI, "Compact Magnetostrictive Actuators and Linear Motors", Actuator 2000 Conference, Bremen, Germany (June 2000)	
	11	G. BRUSA et al., "From adaptive secondary mirrors to extra-thin large adaptive primary mirrors", http://arcetri.astro.it/~brusa/backaskog.ps.gz , Osservatorio Astrofisico di Arcetri, Firenze, Italy	

Examiner Signature		Date Considered	
-------------------------------	--	----------------------------	--

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231